

What is claimed is:

1. A cam rotation control mechanism comprising:
a rotatable cam;
a clutch mechanism for transmitting driving power of
a rotating device to the cam and interrupting the transmission
of driving power to the cam; and

a home position setting device for causing the cam
to turn to a home position when the transmission of driving
power to the cam is interrupted by the clutch mechanism.

2. The cam rotation control mechanism in accordance
with claim 1, wherein the home position setting device
comprises a resilient member having one end attached to the
cam at a location adjacent a peripheral edge of the cam and
another end fixed at a location outside an outer circumference
of the cam such that a stretched length of the resilient
member becomes shortest when the cam is in its home position.

3. The cam rotation control mechanism in accordance
with claim 1, wherein the home position setting device is
operative to pull the cam with a predetermined pulling force
when the cam is in the home position.

4. The cam rotation control mechanism in accordance
with claim 2, wherein the resilient member is a spring.